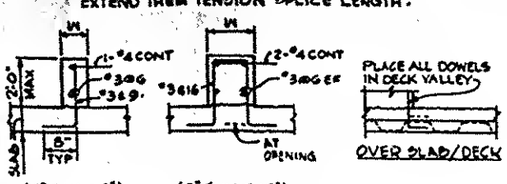
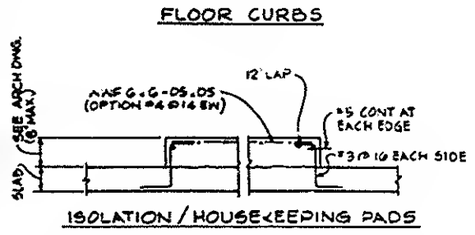
AT CORNERS, BEND HORIZONTALS AND EXTEND THEM TENSION SPLICE LENGTH.

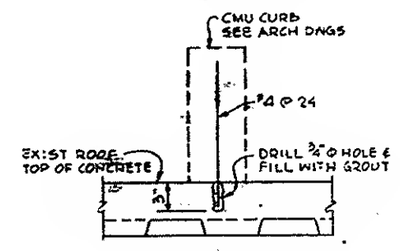


FLOOR CURBS

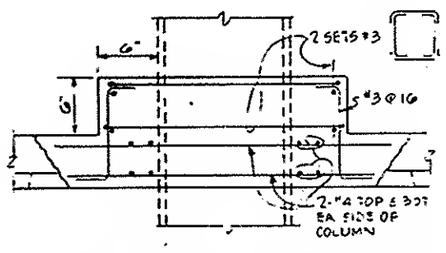


ISOLATION / HOUSEKEEPING PADS

1. FOR SIZE AND LOCATION SEE ARCHITECTURAL, MECHANICAL AND STRUCTURAL DRAWINGS.
2. ROUGHEN SURFACE OF SLAB, CLEAN THOROUGHLY AND APPLY EPOXY BONDING COMPOUND IMMEDIATELY BEFORE CASTING CURB OR PAD.

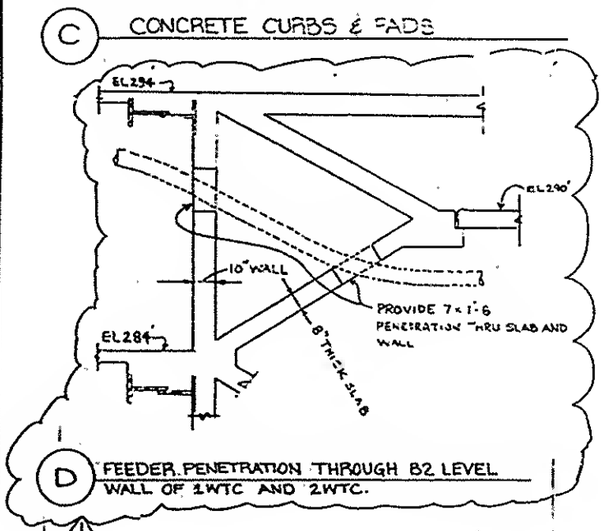


CMU CURBS AT EXISTING ROOF SLAB

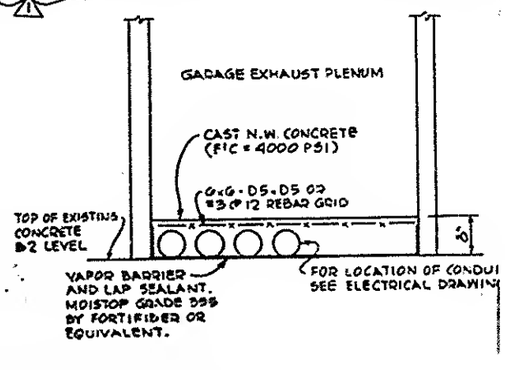


CURB AT COLUMN STUBS AT EXISTING ROOF

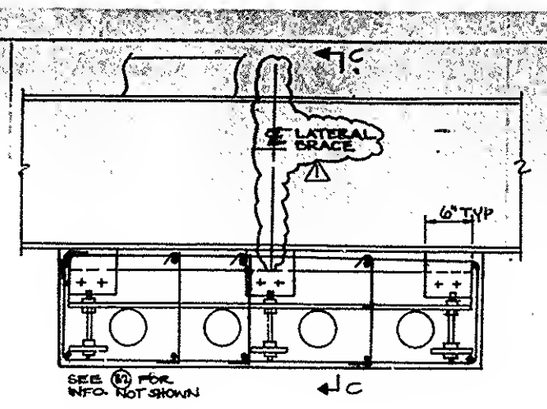
C CONCRETE CURBS & PADS

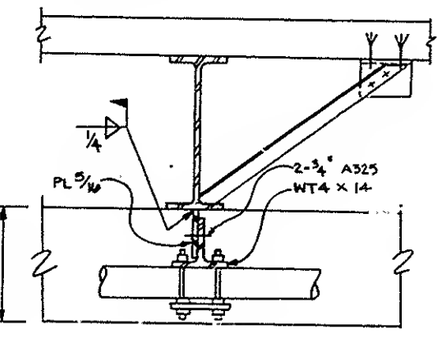


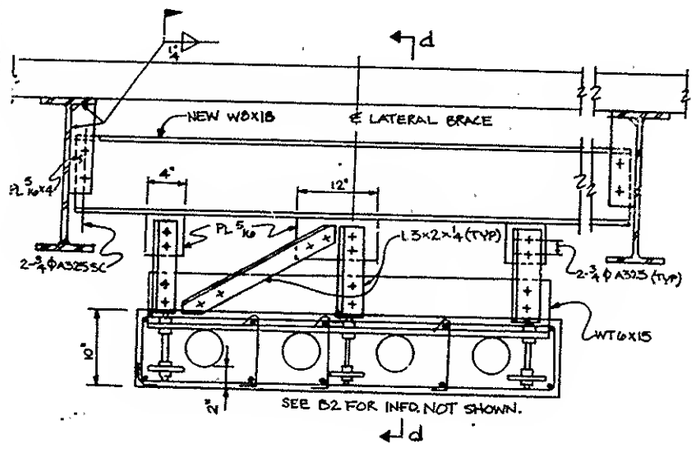
D FEEDER PENETRATION THROUGH B2 LEVEL WALL OF 1WTC AND 2WTC.

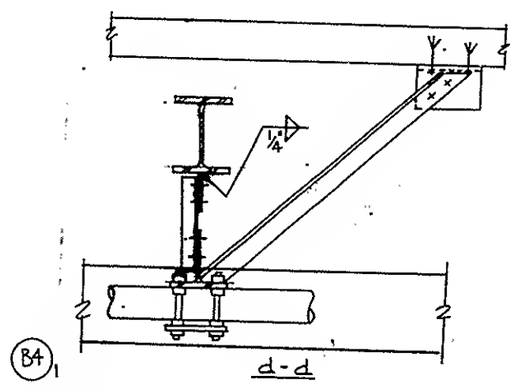


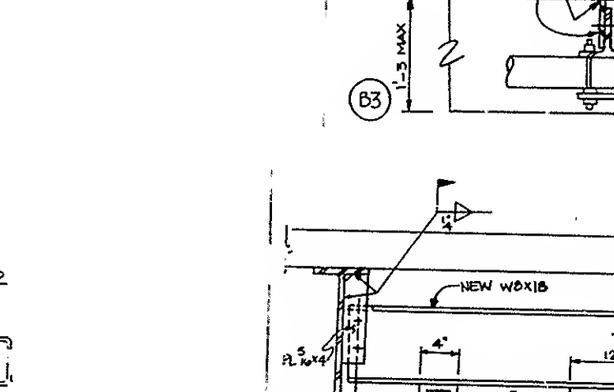
B6 HORIZONTAL CABLE DETAIL AT FLOOR OF GARAGE EXHAUST PLENUM

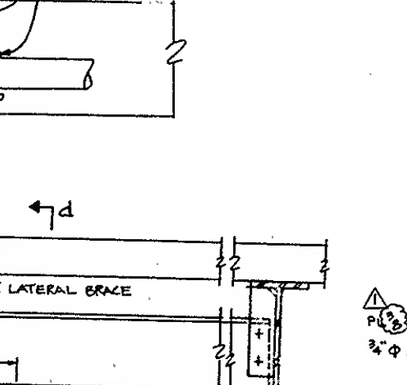








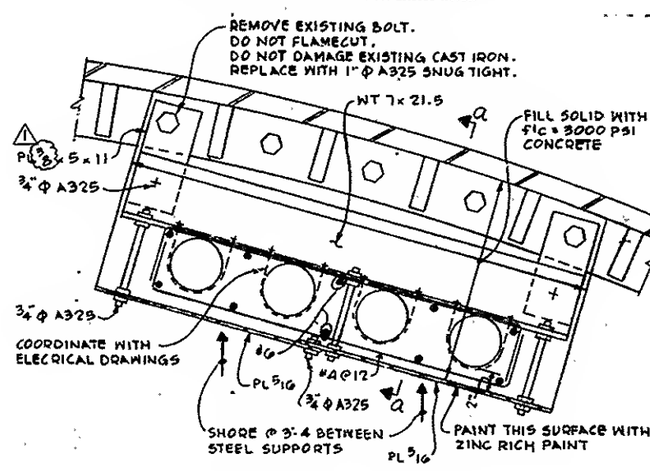


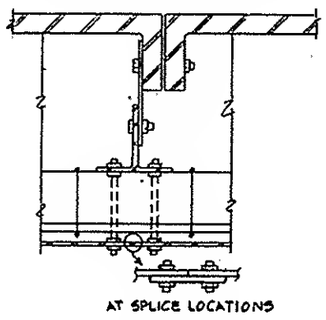


B CONCRET ENCASED HORIZONTAL FEEDERS

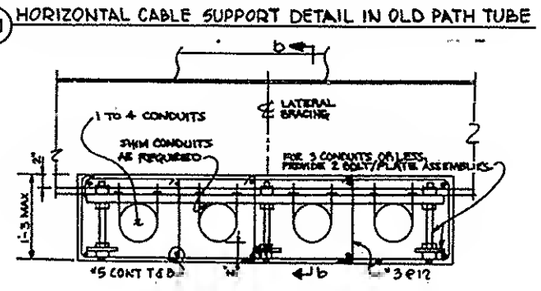
NOTES FOR CONCRETE ENCASED HORIZONTAL FEEDERS:

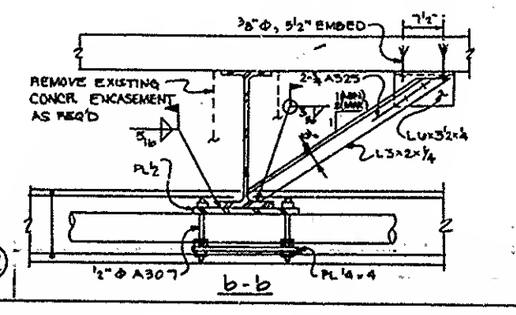
1. CONTRACTOR SHALL SURVEY THE WORK SITE AND SELECT LOCATIONS FOR FEEDER SUPPORT BRACKETS. TYPICAL DETAILS SHOW VARIOUS BRACKET CONFIGURATIONS THAT ACCOMMODATE CONTEMPLATED FIELD CONDITIONS. NOT ALL CONDITIONS HAVE BEEN CONTEMPLATED. CONTRACTOR SHALL PROPOSE ALTERNATIVE BRACKET CONFIGURATIONS AS REQUIRED TO ACCOMMODATE ACTUAL CONDITIONS.
2. CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS OF FEEDER BRACKETS. SHOP DRAWINGS SHALL INCLUDE THE FOLLOWING:
   a) BRACKET LOCATION DRAWINGS INCLUDING PLAN LOCATION AND ELEVATION AND THE DESIGNATION OF EACH BRACKET TYPE. DRAW TO 1/8 INCH = 1'-0".
   b) DETAIL DRAWINGS OF THE BRACKETS.
   c) FORMWORK DRAWINGS FOR THE CONCRETE ENCASEMENT INCLUDING SHORING REQUIREMENTS.
3. UNLESS OTHERWISE NOTED, PROVIDE SUPPORT BRACKETS AT 5'-0" SPACING.
4. IN ADDITION TO THE REQUIRED BRACKET SPACING IN NOTE 3, PROVIDE BRACKETS AT ALL LOCATIONS WHERE:
   a) FEEDERS CHANGE DIRECTION, EITHER VERTICALLY OR HORIZONTALLY.
   b) IMMEDIATELY ADJACENT TO PENETRATIONS THROUGH WALLS.
   c) WHERE A SINGLE CABLE DIVERGES FROM A GROUP OF CABLES.
5. LATERAL BRACING SHALL BE PROVIDED AT ALTERNATE BRACKET LOCATIONS AS SHOWN IN THE TYPICAL DETAILS. ADDITIONALLY, LATERAL BRACES SHALL BE PROVIDED AT CHANGES IN DIRECTION AND AT WALLS PER NOTE 4.
6. STRUCTURAL STEEL FOR BRACKETS SHALL BE FY 36. SHOP PRIME PER GENERAL NOTES.
7. CONCRETE ENCASEMENT SHALL BE F'C = 3000 PSI.
8. AFTER SET CONCRETE ANCHORS SHALL BE MAXI BOLT BY DRILLCO DEVICE LTD.
9. COMPENSATION FOR INSTALLATION OF FEEDER SUPPORT BRACKETS AND CONCRETE ENCASEMENT INCLUDING REMOVAL AND REPLACEMENT OF EXISTING CONSTRUCTION IN THE WAY WILL BE PAID FOR AT THE NET COST THEREOF. "NET COST" SHALL BE COMPUTED IN THE SAME MANNER AS IS COMPENSATION FOR EXTRA WORK, INCLUDING ANY PERCENTAGE ADDITION TO COST, AS SET FORTH IN THE CLAUSE OF THE CONTRACT PROVIDING COMPENSATION FOR EXTRA WORK. COMPENSATION FOR SAID NET COST WORK SHALL NOT BE CHARGED AGAINST THE TOTAL AMOUNT OF COMPENSATION AUTHORIZED FOR EXTRA WORK.





B1 HORIZONTAL CABLE SUPPORT DETAIL IN OLD PATH TUBE





B2